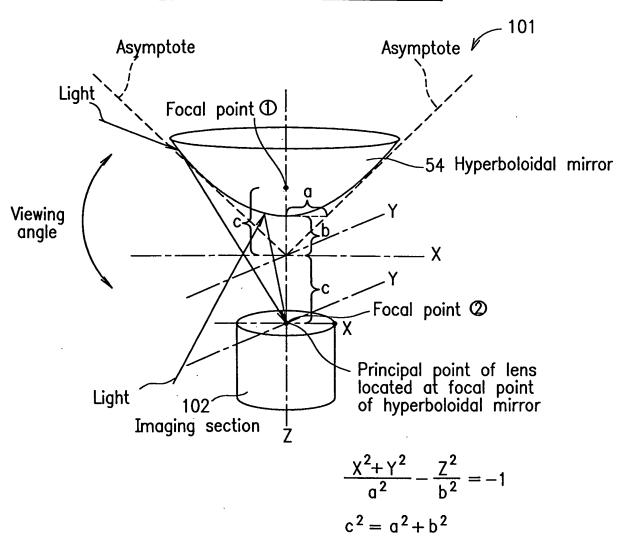
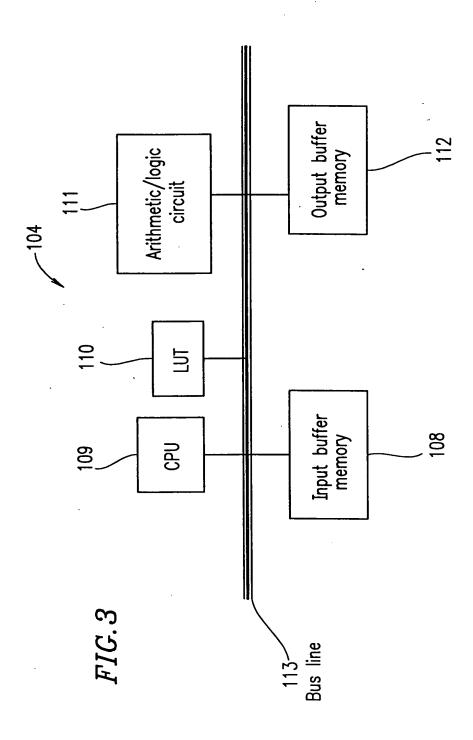


FIG.2 Hyperboloidal mirror optical system





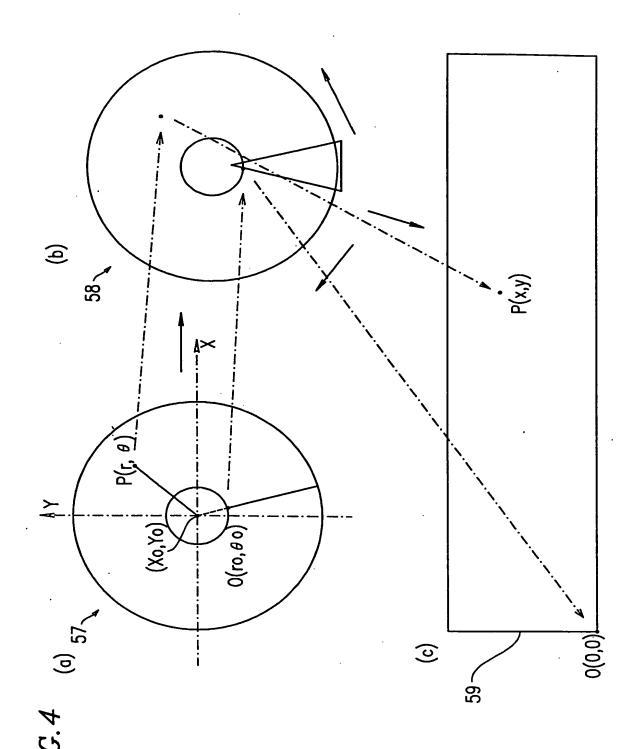
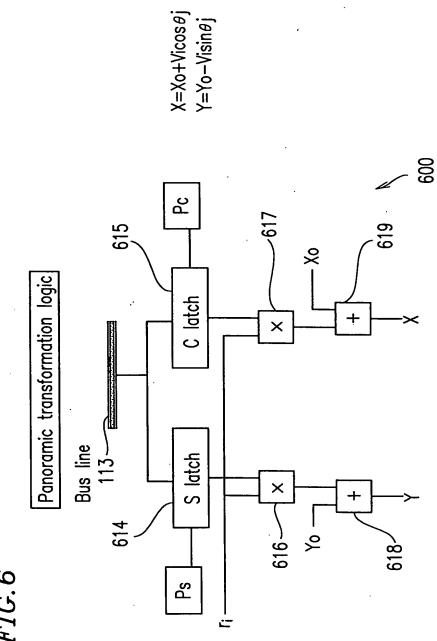
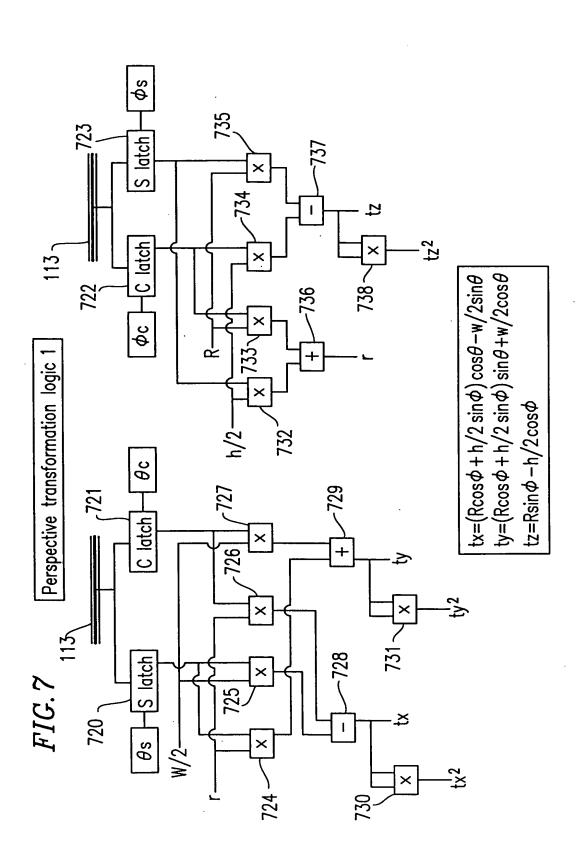
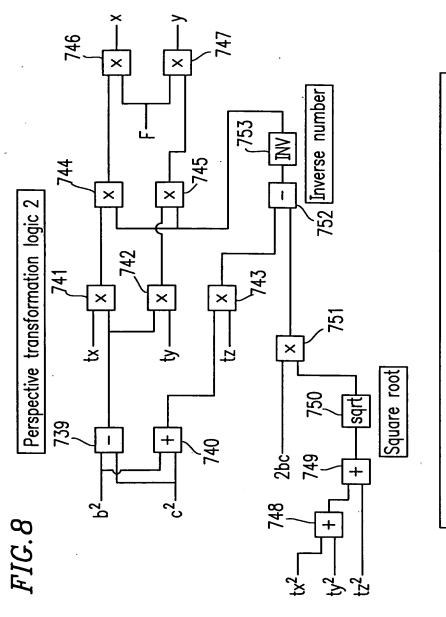


FIG.5

Principal point of lens located at external focal point of hyperboloidal mirror P(r, \theta) 2a Light receiving section of imaging section Perspective transformation 54 Hyperboloidal mirror Y P(tx ty, tz)







 $x=F\times(((b^2-c^2)\times tx/((b^2+c^2)\times tz-2bc\times sqrt(tx^2+ty^2+tz^2))))$ $y=F\times(((b^2-c^2)\times ty/((b^2+c^2)\times tz-2bc\times sqrt(tx^2+ty^2+tz^2))))$

FIG.9

Paraboloidal mirror optical system

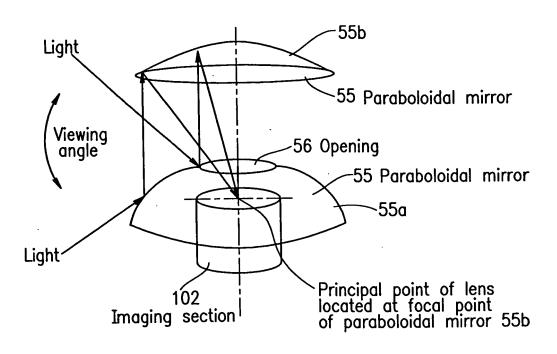


FIG. 10

